

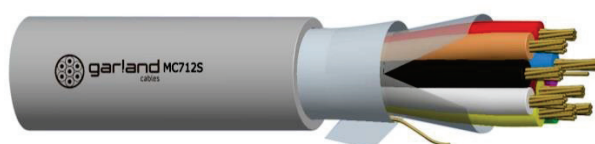
Garland's Pro Series range is the experts' choice for high quality cables.

Data Cable

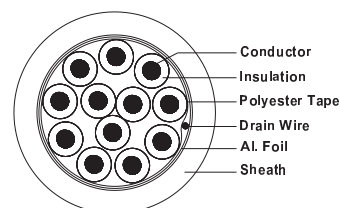
Part No: MC712S

Description	Stranded 24AWG (7/0.2) TACW, 12 Cores, PVC Insulation, Aluminium Polyester Tape Overall Screen, Stranded 24AWG TACW Drain Wire, PVC Sheath.
Applicable Standards	AS/CA S-008, UL758, EIA-RS232, AS 1049
Suitable Applications	<p>For use in the communications, industrial and security sectors, This product can be used to interconnect DTE equipment such as Printers, fax's, modems, and consoles.</p> <p>In the industrial environment, this product can be used to connect instruments and sensors to data loggers, PLC's and other control equipment.</p> <p>In the security market, this product can be used to connect motion sensors, entry sensors, card readers and door strikes to monitoring units.</p> <p>Not suitable for direct connection to mains equipment.</p>

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	24	7/0.2	0.22	0.6	TACW
Insulation	Cores : 12 Material : PVC Colour : White, Red, Black, Yellow, Brown, Orange, Pink, Grey, Blue, Violet, Green, Light Brown Nominal Thickness (mm) : 0.28 Nominal OD (mm) : 1.2				

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Drain Wire	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	24	7/0.2	0.22	0.6	TACW
Screen	Material : Al. Polyester Tape				Coverage : 100%
Sheath	Material : PVC				
	Colour : Grey(RAL 7046)				
	Nominal Thickness (mm) : 0.8				
	Nominal OD (mm) : 6.9				


Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	95.3 Ω /km
Min. Insulation Resistance @ 20°C	50M Ω .km
Voltage Test: Conductor to core	1.5 kV ac/1min
Voltage Test: Core to sheath	3.0 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	184N
Min. Bend Radius (install)	69mm
Approximate Mass	7.2kg/100m

Sheath Printing

 GARLAND DATA CABLE MC712S - AWM 2464 80°C
300V 12 X 7/0.2 24AWG OAS - MM/YYYY - "Mmark"

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 5.5"	2R	
500m	Wooden Reel	W42 x 21.8cm	1R	

Document Change Record	Issue	Date	Prepared by	Approved By
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